Title (en)

PSA ASSAY METHOD AND REAGENT THEREFOR

Title (de)

PSA-TESTVERFAHREN UND REAGENZ DAFÜR

Title (fr)

PROCÉDÉ DE DOSAGE DE L'ASP ET RÉACTIF ASSOCIÉ

Publication

EP 2698633 B1 20171011 (EN)

Application

EP 12763300 A 20120328

Priority

- JP 2011069161 A 20110328
- JP 2012058056 W 20120328

Abstract (en)

[origin: EP2698633A1] Provided is a method for the simple and highly accurate assay of PSA by a one-step reaction that does not use carriers having different average grain sizes. Also provided is a reagent therefor. The PSA assay method comprises sensitizing insoluble carriers having the same average grain size within a range of greater than 0.20 µm but 0.40 µm or less using two types of anti-PSA monoclonal antibodies having different epitopes that are anti-PSA monoclonal antibodies that will react with both free PSA and PSA-ACT, which is a complex of free PSA and ±1-antichymotrypsin, and bringing the carriers into contact with a sample in the presence of an aggregation promoter.

IPC 8 full level

G01N 33/574 (2006.01); **G01N 33/543** (2006.01); **G01N 33/545** (2006.01)

CPC (source: CN EP KR US)

G01N 33/543 (2013.01 - KR US); **G01N 33/545** (2013.01 - KR); **G01N 33/573** (2013.01 - EP US); **G01N 33/574** (2013.01 - KR); **G01N 33/57434** (2013.01 - CN EP US); **G01N 33/577** (2013.01 - US); G01N 2333/96433 (2013.01 - EP US)

Cited by

US11796540B2; WO2018138264A3

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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EP 2698633 A1 20140219; **EP 2698633 A4 20141217**; **EP 2698633 B1 20171011**; AU 2012233635 A1 20131017; AU 2012233635 B2 20160908; BR 112013024686 A2 20161220; BR 112013024686 B1 20201229; BR 112013024686 B8 20220503; CA 2831398 A1 20121004; CA 2831398 C 20200609; CN 103443628 A 20131211; CN 105424936 A 20160323; CN 105424936 B 20180921; JP 6110786 B2 20170405; JP WO2012133482 A1 20140728; KR 101835918 B1 20180307; KR 20140015488 A 20140206; MX 2013011090 A 20131216; MX 347002 B 20170407; MY 165647 A 20180418; US 10119963 B2 20181106; US 2014080143 A1 20140320; US 2016011181 A1 20160114; WO 2012133482 A1 20121004

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